

Converting Colors

XYZ(75.3798, 87.1728, 24.1644)

Have a look what the booklet for
XYZ(75.3798, 87.1728, 24.1644)
contains.

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Color

**XYZ(75.3181, 87.0505,
24.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF561
RGB	253, 245, 97
RGB Percent	99%, 96%, 38%
CMY	0.0078, 0.0392, 0.6196
CMYK	0.00, 0.03, 0.62, 0.01
HSL	57°, 97%, 69%
HSV	57°, 62%, 99%
XYZ	75.3181, 87.0505, 24.1420
YIQ	230.5200, 52.2760, -44.3320

Conversions

Conversions Part 2

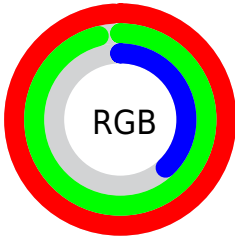
Format	Color
RYB	105, 253, 97
Decimal	16643425
CIELab	94.76, -14.72, 69.91
CIELCh	95, 71.447, 101.891
Yxy	87.0505, 0.4038, 0.4667
Android (android.graphics.Color)	4294833505 (0xFFFD561)
YUV	230.5200, -65.8254, 19.7150
Hunter-Lab	93.3009, -19.1805, 49.9691

Details

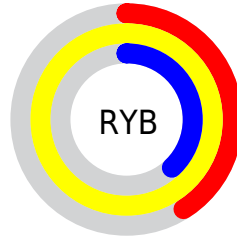
The XYZ color **75.3181, 87.0505, 24.1420** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **27.7111, 19.7361, 95.2770**, and the grayscale version is **76.0472, 80.0076, 87.1283**.

A 20% lighter version of the original color is **82.7498, 95.0799, 44.1279**, and **40.5238, 47.8662, 8.8535** is the 20% darker color. If you saturate the color by 10%, you get **73.9315, 85.8738, 18.7592**, and if you desaturate by 10%, it is **77.0876, 88.3913, 31.5097**.

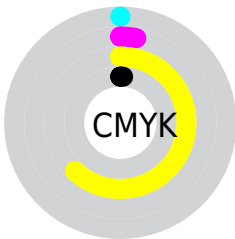
Distribution



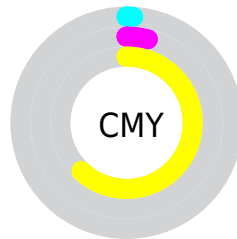
- Red (99%)
- Green (96%)
- Blue (38%)



- Red (41%)
- Yellow (99%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (62%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3181, 87.0505, 24.1420 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.3181, 87.0505, 24.1420 by changing the saturation by 10% instead.


 75.3181, 87.0505,
24.1420

 75.3181, 87.0505,
24.1420


467.9906,
518.3888, 286.8472


 56.1686, 65.5370,
15.2258


 125.7480,
143.2345, 51.2086


 40.5757, 47.8966,
8.8296


 157.7592,
178.6738, 70.1960

 28.1739, 33.7450,
4.5349


 194.7883,
219.5239, 93.3776

 18.5979, 22.6978,
1.9232

 237.2008,
266.1690, 121.1720

 11.4824, 14.3705,
0.5074

285.3618,
318.9937, 153.9976

 6.4619, 8.3788,
0.0000

339.6369,

 3.1713, 4.3383,

378.3823, 192.2729

0.0000

400.3914,
444.7192, 236.4167

■ 1.2450, 1.8645,
0.0000

■ 0.1414, 0.5269,
0.0000

■ 75.3181, 87.0505,
24.1420

■ 75.3181, 87.0505,
24.1420

■ 73.9315, 85.8738,
18.7592

■ 77.0876, 88.3913,
31.5097

■ 72.8845, 84.8340,
15.1600

■ 79.2662, 89.8968,
41.0271

■ 72.1343, 83.9174,
13.1104

■ 81.8848, 91.5828,
52.8481

■ 71.6786, 83.2242,
12.2860

■ 84.9697, 93.4598,
67.1109

88.5451, 95.5373,
83.9427

92.6335, 97.8245,
103.4622

94.0253, 99.0375,
108.7682

94.3178, 99.6226,
108.8657

Harmonies

Analogous

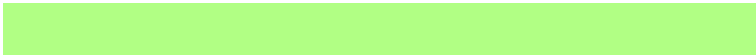
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8303, 87.0505, 25.3620



75.3181, 87.0505, 24.1420



60.3311, 87.0505, 35.5972

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3181, 87.0505, 24.1420



58.0525, 87.0505, 185.0436



123.3063, 87.0505, 131.8445

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.3181, 87.0505, 24.1420



27.7111, 19.7361, 95.2770

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110.1039, 87.0505, 198.0830



75.3181, 87.0505, 24.1420



71.7216, 87.0505, 236.1202

Square

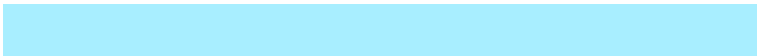
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3181, 87.0505, 24.1420



51.4524, 87.0505, 118.4383



90.6318, 87.0505, 241.6508



124.6718, 87.0505, 74.5081

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3181, 87.0505, 24.1420



54.1081, 87.0505, 52.9762



90.6318, 87.0505, 241.6508



120.0202, 87.0505, 154.2610

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.3201, 87.0546, 24.1438



87.7753, 95.8970, 74.2703



47.4581, 30.5028, 17.4080



18.5697, 20.3978, 14.8759



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3201, 87.0546, 24.1438



74.9850, 87.1625, 18.0727



57.3876, 81.4777, 24.0125



19.4768, 20.9218, 19.1561



38.1645, 44.3402, 6.5470



3.7394, 4.3642, 0.6453

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.7111, 19.7361, 95.2770



22.8993, 13.5532, 96.0169



37.4391, 23.5988, 95.5098



17.0777, 17.5269, 22.7329



9.5379, 3.9853, 49.7011



0.9538, 0.4382, 4.8476

Previews

White Background



This preview shows how the XYZ color 75.3181, 87.0505, 24.1420 looks on a white background.

Color Contrast Check

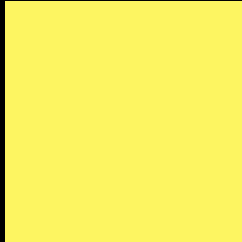
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.3181, 87.0505, 24.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3181, 87.0505, 24.1420

Background



This preview shows how black text looks on a background with the XYZ color 75.3181, 87.0505, 24.1420.



This preview shows how white text looks on a background with the XYZ color 75.3181, 87.0505,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.3181, 87.0505, 24.1420

Protanopia

80.6383, 86.8755, 55.6986

Deuteranopia

84.0486, 86.8381, 77.9772



Tritanopia

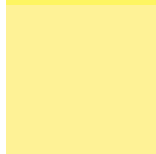
86.9920, 86.6373, 97.7257

Trichromacy



Original Color

75.3181, 87.0505, 24.1420



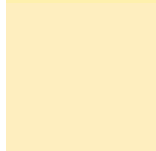
Protanomaly

78.1302, 86.7771, 41.4859



Deuteranomaly

79.5760, 86.4081, 52.0195



Tritanomaly

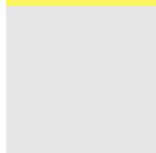
80.8516, 85.9815, 61.6250

Monochromacy



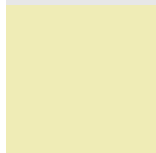
Original Color

75.3181, 87.0505, 24.1420



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.0356, 81.7190, 56.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3181, 87.0505, 24.1420 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 245, 97)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 97)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 245, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 97) }
```

Border

The CSS property to change the border of an element to XYZ 75.3181, 87.0505, 24.1420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 245, 97) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(253, 245, 97) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(253, 245, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 97);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3181, 87.0505, 24.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 97) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
245, 97) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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